

ABSTRACT OF THE DISCLOSURE

A loudspeaker having a back plate, a driver attached to the back plate, the driver being responsive to an electrical signal, an enhancer having a neck and a mouth, the neck attached to the driver and movable in accordance with the movement of the driver, a thin film membrane, the membrane attached to the enhancer, the membrane stretched over the frame, a frame for supporting the membrane and maintaining it in a taut state, and a rubber type adhesive for dampening the membrane resonances and for adhering the membrane to the frame. Clarity of sound can be further improved by including a plurality of sound breathers in the back plate of the speaker. For improved sound radiation capability, the size and the shape of the enhancer can be modified in various ways, including a frustoconical, parabolic, or bell-shaped enhancer.

10056860-012302